

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A device for processing a surface of objects comprising:
a predetermined number of processing stations wherein at least one of said processing stations are configured as contact-free printing stations each having an inkjet printing head;
a conveying unit that performs processing movements wherein objects are transported to said predetermined processing stations, said conveying unit having a central controller that both controls, through a feedback control loop, the processing movements of said conveying unit and controls, through a feedback control loop, the processes of said processing stations, wherein said central controller synchronizes said processing movements and said processes of said processing stations which are synchronized by presetting a clock pulse that is correlated with said processes and directly controls said processes via said central controller associated with each processing station of said predetermined number thereof; and
wherein said central controller presets a lead frequency that defines said clock pulse, said lead frequency associated with an operating frequency of inkjet droplets issuing from said inkjet of an inkjet printing head that is ~~transmitted~~ provided to a computing unit for synchronizing rotation of said objects with said processing stations, said synchronizing rotation being imparted by a drive means of said conveying unit.

Claims 2-11 (Cancelled)

12. (Previously Presented) A device according to claim 1, wherein said conveying unit further comprises a rotary cycle apparatus, wherein said objects are arranged in a circumferential orientation on said rotary cycle apparatus, and wherein said drive means rotates said objects on said rotary cycle apparatus; and

wherein at least one incremental encoder is provided for detecting a rotary position of said objects.

13. (Previously Presented) The device according to claim 12, wherein said drive means generates rotation about an axis of symmetry of said objects in dependence upon signals of said incremental encoder for position control.

Claims 14-16 (Cancelled)

17. (Previously Presented) The device according to claim 1, wherein said computing unit is stationary.

18. (Previously Presented) The device according to claim 12, wherein said computing unit is arranged on said rotary cycle apparatus.

19. (Currently Amended) The device according to claim 12, wherein said lead frequency and one or more signals ~~the signals~~ of said at least one incremental encoder ~~encoders~~ constitute input quantities for position control of ~~the~~ said respective drive means.

20-35. (Cancelled)